...

NERIAL NO. ATTY DOCKETNO UMJ-105-B (UM 1667) unknown 📝 LIST OF REFERENCES CITED BY APPLICANT Peter X. Ma and Anne E. Huber APPLICANT. September 17, 2001 GROUP unknown FILING DATE U. S. PATENT DOCUMENT PATENT NO ISSUE DATE PATENTEE CLASS SUBCLASS FILING DATE EXAMINER AA4,089,830 May 16, Tezuka et al. Oct. 8, 200` 524 116 1976 1978 524 5 Oct. 21, AB 4,758,612 July 19, Wilson, et al. 1986 1988 AC 5,051,453 Sept. 24, Okabayashi et al. 523 116 Jan. 31, 1989 1991 Oct. 10, 156 307.3 May 9, ΑD 4,872,936` Engelbrecht 1989 1988 35 April 30, ΑE 106 4,772,325 Sept. 20, Kwan et al. 1988 1987 P3 ΑF 5,861,445 Jan. 19, Xu et al. 523 116 May 8, 1997 1999 AGAHΑI ΑJ ΑK FOREIGN PATENT OR PUBLISHED PATENT APPLICATION DOCUMENT NO PUBLICATION DATE COUNTRY OF PATENT OFFICE TRANSLATION GB 1507981 April 19, ALGreat Britain int. cl′ 1978 COSK 3/34 PCT/US00/0697 15 AM June 21, Search Report 4 2000 ΑN ΑO AΡ OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.) AR AS ΑТ Sreke (5/13/03 EXAMINER DAM CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if

not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT	ATTY DOCKET NO. UMJ-105-B (UM-1667)	SERIAL NO. 09/936,692	
OIPE	APPLICANT PETER X. MA ET AL		
APR 1 4 2003 65	FILING DATE SEPTEMBER 17, 2001	GROUP 1714	

E AMINERS INITIALS	PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
r5	4,186,495	02/05/1980	Remberg et al.	34	92	
CS	4,527,979	07/09/1985	McLean et al.	106	35	
15	5,154,762	10/13/1992	Mitra et al.	523	116	
P. 5	5,367,002	11/22/1994	Huang et al.		7.	

FOREIGN PATENT DOCUMENTS						
E · AMINERS INITIALS	DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
1.5	EP 323 120 A2	05.07.89	European Patent Office			
1.5	GB 2 028 855 A	28.08.1979	United Kingdom (GB)			

	OTHER REFERENCES
₹ S.	Forsten, L. and I. K. Paunio, <i>Fluoride release by silicate cements and composite resins</i> , Scandinavian Journal of Dental Research, 1972, Vol. 80: pp. 515-519
P3 .	Corbin, S. B. and W. G. Kohn, <i>The benefits and risks of dental amalgam: Current finds reviewed</i> , JADA, April 1994, Vol. 125, pp: 381-388
()	Bayne et al., <i>Update on dental composite</i> restorations, JADA, June 1994, Vol. 125, pp: 687-701
PSI	Wilson, A. D. and B. E. Kent, <i>The Glass-lonomer Cement, a New Translucent Dental Filling Material</i> , J. Appl. Chem. Biotechnol., November 1971, Vol. 21: p. 313
Y ² S.	Wilson, A. D. and B. E. Kent, <i>A New Translucent Cement for Dentistry</i> , Br. Dent. J., February 15, 1972, Vol. 132: pp. 133-135
P, 5.	McLean, J. W., Cermet cements, JADA, January 1990, Vol. 120: pp. 43-47
95	Prosser, H. J., D. R. Powis and A. D. Wilson, <i>Glass-ionomer Cements of Improved Flexural Strength</i> , J. Dent. Res., February 1986, Vol. 65, No. 2: pp. 146-148

E < AMINER	Ce de!	Stelas	DATE CONSIDERED 5/13/23	
E-VALUE	D 1 11 11 1		A TOTAL TO THE PROPERTY OF THE	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT	ATTY DOCKET NO. UMJ-105-B (UM-1667)	SERIAL NO. 09/936.692		
OIPE	APPLICANT PETER X. MA ET AL			
APR 1 4 2003 67	FILING DATE SEPTEMBER 17, 2001	GROUP 1714	•	
4	OCI TEMBER 17, 2001	1 11	-	

TRADE!	OTHER REFERENCES
P. S.	Poolthong, S., T. Mori and M. V. Swain, <i>A Comparison of the Mechanical Properties of Three Glass-lonomer</i> Cements, Dent. Mater. J., 1994, Vol. 13, No. 2: pp. 220-227
P.S	Hickel, R., Glass Ionomers, Cermets, Hybrid-Ionomers and Compomers- (Long-Term) Clincial Evaluation Acad. Dent. Mater. Trans., 1996, Vol. 9: pp. 105-129
15	Wilson, A. D. and J. W. McLean, <i>Glass Ionomer Cement</i> , Quintessence Publ. Co., 1988, Chapters 1-2: pp. 13-42
PS	Blackwell, G. and R. Kase, <i>Technical Characteristics of Light Curing Glass-ionomers and Compomers</i> , Acad. Dent. Mater. Trans., 1996, Vol. 9: pp. 77-88
P.5	Ma, X., J. A. Sauer, M. Hara, <i>Poly(methyl methacrylate) Based Ionomers. 1. Dynamic Mechanical Properties and Morphology</i> , Macromolecules, 1995, Vol. 28, No. 11: pp. 3953-3962
V. S.	Kent, B., B. Lewis and A. D. Wilson, <i>Glass Ionomer Cement Formulations: I. The Preparation of Novel Fluoroaluminocilicate Glasses High in Fluorine</i> , Journal of Dental Research, 1979, Vol. 58, No. 6: pp.1607-1619
P. 5	Wilson, A.D. et al., <i>Aluminosilicate Glasses for Polyelectrolyte Cements</i> , Ind. Eng. Chem. Prod. Res. Dev., 1980, Vol. 19: pp. 263-270
P.5	de Araujo, F.B. et al., <i>Fluoride Release from Fluoride-containing Materials</i> , Operative Dentistry, 1996, Vol 21: pp. 185-190
PS .	Forsten, L., Fluoride release and uptake by glass-ionomers and related materials and its clinical effect Biomaterials, 1998, Vol. 19: pp. 503-508
PS	Verbeeck, R. M. H., et al., Fluoride release process of (resin-modified) glass-ionomer cements versus (polyacid-modified) composite resins, Biomaterials, 1998, Vol. 19: pp. 509-519
12	Cross, M. et al, <i>The Relationship Between Filler Loading and Particle Size Distribution in Composite Resin Technology</i> , Journal of Dental Research, July 1983, Vol. 62, No. 7: pp. 850-852
Cs.	Söderholm, KJ., Relationship between compressive yield strength and filler fractions of PMMA composites, Acta Odontol. Scand., 1982, Vol. 40: pp. 145-150
15.	Krause, W. R, <i>Mechanical properties of BIS-GMA resin short glass fiber composites</i> , Journal of Biomedical Materials Research, 1989, Vol. 23: pp. 1195-1211

	EXAMINER	Peter	Salaly	DATE CONSIDERED	5	/13/
--	----------	-------	--------	-----------------	---	------